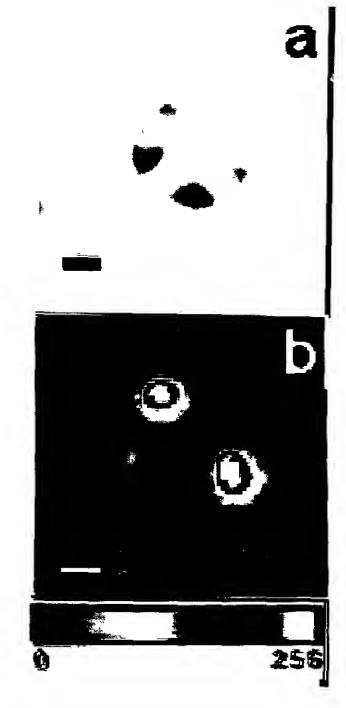


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Fig. 1

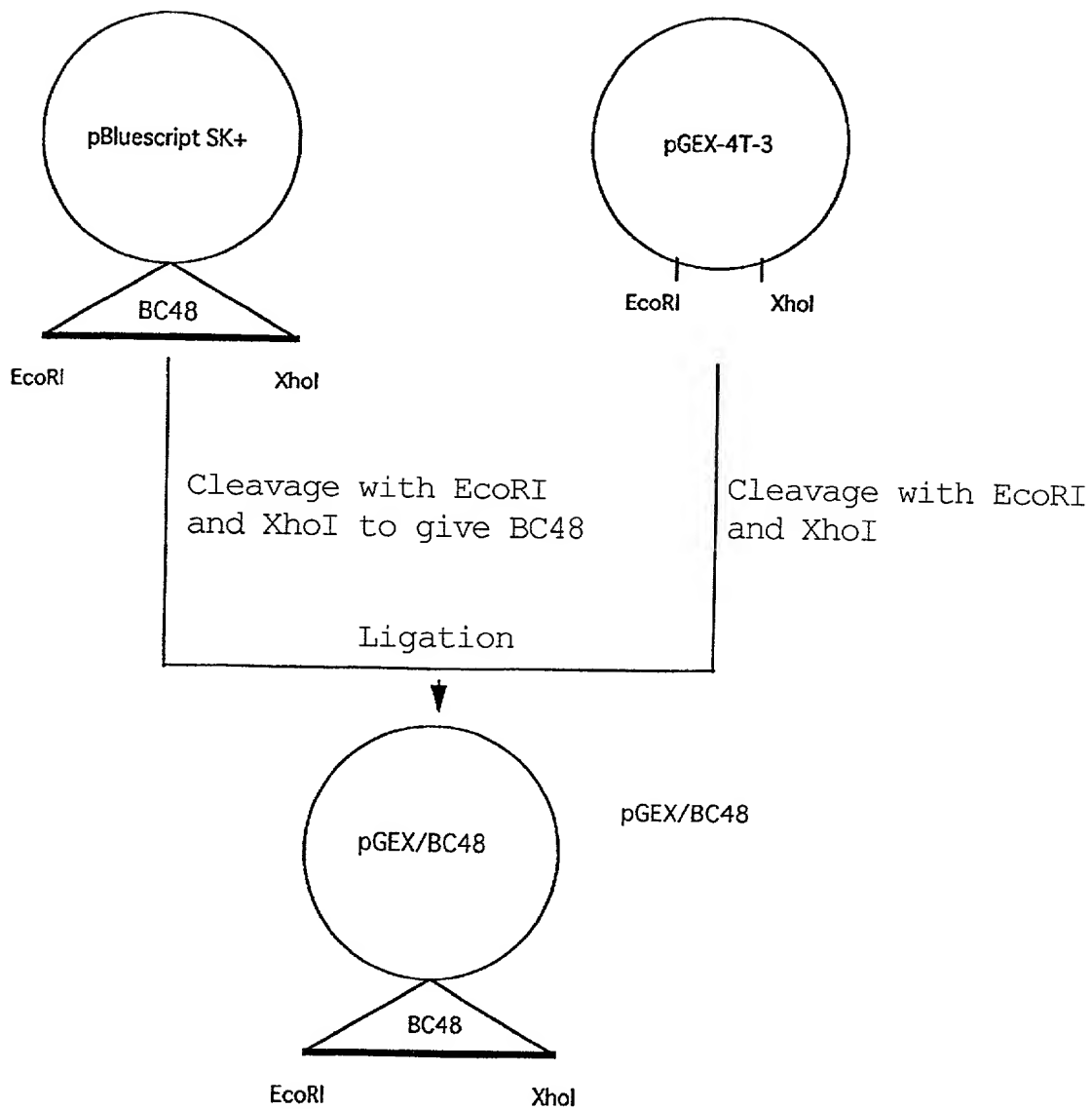


Confocal laser microscopic image showing reactivity of monoclonal antibody BC11D with *Babesia caballi*

- a: *Babesia caballi* after Giemsa staining
- b: Confocal laser microscopic image of *Babesia caballi*

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Fig. 2



Construction of pGEX/BC48

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Fig. 3

| kDa | M | a | b | c |
|------|---|---|---|---|
| 94 - | | | | |
| 67 - | | | — | |
| 43 - | | | — | |
| 30 - | | | | |
| 20 - | | | | |

Western blot of proteins expressed from lysogenic bacteria of phage clone λ BC48 with monoclonal antibody BC11D recognizing *Babesia caballi* merozoite 48kDa

- a: Solubilized merozoite antigen of *Babesia caballi*
- b: Expressed protein BC48 (purified from expressed GST fusion protein after cleavage of GST)
- c: *E. coli* (BL21 strain)
- M: Marker